

# STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

## FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b>Operator:</b> NORTHERN ILLINOIS GAS CO.	Operator ID#: 13710
<b>Inspection Date(s):</b> 11/1/2012, 11/2/2012	Man Days: 2
<b>Inspection Unit:</b> Crystal Lake	
<b>Location of Audit:</b> Crystal Lake	
<b>Exit Meeting Contact:</b>	
<b>Inspection Type:</b> Standard Inspection - Field Audit	
<b>Pipeline Safety Representative(s):</b> Charles Gribbins	
<b>Company Representative to Receive Report:</b> Leticia Quezada	
<b>Company Representative's Email Address:</b> lquezad@aglresources.com	

<b>Headquarters Address Information:</b>	P. O. Box 190 Rt. 59 & I-88 Aurora, IL 60507 Emergency Phone#: Fax#:	
<b>Official or Mayor's Name:</b>	Ralph Cleveland Phone#: (000) 000-0000 Email:	
<b>Inspection Contact(s)</b>	<b>Title</b>	<b>Phone No.</b>
David Biederer	Supervisor System Operations	

CUSTOMER METER & REGULATOR	Status
<b><u>Category Comment:</u></b> <i>The following meters were inspected: This includes business and pressure sets.</i> Serial Number 4530043 Serial Number 4330333 Serial Number 42227532 Serial Number 2415480 Serial Number 3161181 Pressure set serial number 3297191 Dollar Store Heartland Blood Center Serial Number 3026386 Serial Number 4006234 Jewel Osco Best Buy Kmart 6000-5 Route 14 Sports Authority	

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125 Route 14  
209 S Randall Road  
215 Randall Road  
195 Randall Road  
189 Randall Road  
123 Randall Road  
117 Randall Road  
2401 W Algonquin  
2400 Algonquin  
273 Randall Road  
277 Randall Road  
281 Randall Road  
285 Randall Road  
265 Randall Road  
335 Randall Road  
313 Randall Road

192.353(a)	Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated?	<b>Satisfactory</b>
192.355(b)(1)	Is the customer regulator vent rain and insect resistant?	<b>Satisfactory</b>
192.355(b)(2)	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	<b>Satisfactory</b>
192.355(b)(3)	Is the vent protected from damage caused by submergence in areas of flooding?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>Staff inspected meter sets in commercial areas and did not find any meters that were in areas prone to flooding.</i>		
192.357(a)	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	<b>Satisfactory</b>
192.357(d)	Is a customer regulator that might release gas vented to the outside atmosphere?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>All meters were found to be placed outside and if failed or leaked would vent to atmosphere.</i>		
192.359(a)	Is the meter operating pressure within the allowable limits of the meter case rating?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff noted the pressure rating on the meters inspected 5#, 10#, &amp; 20#</i>		
192.365(a)	Is the service line valve upstream of the regulator or meter?	<b>Satisfactory</b>
192.365(c)	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>Staff did not observe any valves in curb boxes or standpipes.</i>		
192.727(d)	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		

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*At several locations staff observed meter sets where service had been discontinued, at these locations the operator used pin locks, and pipe plugs to prevent the customer from gaining access to natural gas.*

CATHODIC PROTECTION		Status
<b><u>Category Comment:</u></b>		
<i>Staff did not perform any pipe to soil readings, did not inspect any rectifiers, did not inspect any isolated mains or services or inspect any bonds critical or non critical during this field audit.</i>		
192.463(a)	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	Not Checked
192.465(a)	Were pipe to soil readings taken?	Not Checked
192.465(b)	Were rectifier installations inspected?	Not Checked
192.465(a)	Were isolated mains/services tested?	Not Checked
192.465(c)	Were critical/non critical bonds tested?	Not Checked
192.467(a)	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	Satisfactory
192.467(c)	Were casings installations tested for electrical isolation?	Not Checked
192.479(a)	Is the above ground piping coated or painted as required?	Satisfactory
192.479(c)	Is the pipeline free of corrosion or pitting?	Satisfactory
DAMAGE PREVENTION		Status
<b><u>Category Comment:</u></b>		
<i>The operator did not have a valid notification of planned excavation activities at the time of this audit.</i>		
<i>Line markers were observed at the regulating stations, all line markers meet the requirements of the section below that pertain to line markers.</i>		
192.614	Does the operator have a valid notification of planned excavation activities?	Not Checked
265.40(a)	Did the operator complete the locating activities in the specified timeframe?	Not Checked
192.614(c)(5)	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	Not Checked
192.707(a)(1)	Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad?	Satisfactory
192.707(a)(2)	Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?	Satisfactory
192.707(c)	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	Satisfactory

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192.707(d)(1)	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke?	Satisfactory
192.707(d)(2)	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator where the operator can be reached at all times?	Satisfactory
<b>PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)</b>		<b>Status</b>
<b>Category Comment:</b> <i>Staff inspected the following regulator stations:  Woodstock &amp; Oak Station ID#3201678  Crystal Lake &amp; Smith Station ID# 3201820  Jennings &amp; Pyott Station ID# 3201879  Devonshire &amp; Virginia Station ID# 3201854</i>		
192.739(a)(4)	Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?	Satisfactory
192.317(b)	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	Satisfactory
192.741(a), 192.741(c)	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	Not Checked
192.743(a)	Is overpressure protection provided on the pipeline down stream of the take point?	Not Checked
<b>General Comment:</b> <i>The down stream overpressure protection is provided by Nicor Transmission Zone.</i>		
192.199(d)	Did the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	Satisfactory
192.199(e)	Did the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard?	Satisfactory
192.199(h)	Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative?	Satisfactory
<b>VALVE MAINTENANCE</b>		<b>Status</b>
<b>Category Comment:</b> <i>The following valves were inspected:  Fire Valve 3211845</i>		

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Fire Valve 3218204 Fire Valve 3218794 Fire Valve 3218544		
192.747(a)	Were the valves inspected accessible?	<b>Satisfactory</b>
<b>ODORIZATION OF GAS</b>		<b>Status</b>
<b><u>Category Comment:</u></b> <i>Staff did not conduct any odorization checks during this field audit.</i>		
192.625(a)	Was the odor intensity level readily detectable at or below 1/5th LEL?	<b>Not Checked</b>
192.625(e)	Was the Odorization equipment and tank levels inspected?	<b>Not Checked</b>
192.625(f)	Was the operator's equipment calibrated as required?	<b>Not Checked</b>
<b>TRANSMISSION</b>		<b>Status</b>
<b><u>Category Comment:</u></b> <i>Staff only conducted a field audit of the distribution system.</i>		
192.179(b)(1)	Are transmission valves protected from tampering or damage?	<b>Not Applicable</b>
192.745(a)	Were the valves inspected accessible?	<b>Not Applicable</b>
192.719(a)	Is pre-tested transmission pipe inventory maintained for use in an emergency?	<b>Not Applicable</b>
<b>MARKING OF MATERIAL</b>		<b>Status</b>
<b><u>Category Comment:</u></b> <i>Staff did not inspect any company inventory to verify the operator's components were marked as required.</i>		
192.63(a)	Does the operator's components and pipe contain the required markings?	<b>Not Checked</b>
<b>OPERATOR QUALIFICATION</b>		<b>Status</b>
<b><u>Category Comment:</u></b> <i>Staff did not observe any employees working in the field so the Form 15 was not completed.</i>		
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		<b>No</b>

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